A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G09G3/34 According to international Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 **G09**G Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. 1,6-11 US 2002/021483 A1 (KATASE MAKOTO) 21 February 2002 (2002-02-21) the whole document 2-5 X WO 03/044765 A (E INK CORP) 1,6-11 30 May 2003 (2003-05-30) the whole document 2-5 X,P -& US 2003/137521 A1 (AU JOANNA F ET AL) 1,6-11 24 July 2003 (2003-07-24) the whole document Y US 4 947 159 A (DI SANTO FRANK J ET AL) 2-5 7 August 1990 (1990-08-07) the whole document Y US 2002/196207 A1 (MACHIDA YOSHINORI ET 2-5 AL) 26 December 2002 (2002-12-26) the whole document Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance invention "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-ments, such combination being obvious to a person skilled in the art. "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 12 October 2004 28/10/2004 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Harke, M Fax: (+31-70) 340-3016

ional Application No IB2004/051152

| Patent document cited in search report | } | Publication date | | Patent family member(s) | | Publication date | |
|--|----|------------------|----------------------------|---|----------------|--|--|
| US 2002021483 | A1 | 21-02-2002 | JP US | 2002116733 2004051935 | | 19-04-2002 18-03-2004 | |
| WO 03044765 | Α | 30-05-2003 | EP WO US | 1446791 03044765 2003137521 | A2 | 18-08-2004 30-05-2003 24-07-2003 | |
| US 2003137521 | A1 | 24-07-2003 | US US WO EP WO | 6531997 6504524 03107315 1446791 03044765 | B1 A2 A2 | 11-03-2003 07-01-2003 24-12-2003 18-08-2004 30-05-2003 | |
| US 4947159 | Α | 07-08-1990 | NON | NONE | | | |
| US 2002196207 | A1 | 26-12-2002 | JP | 2003005227 | Α | 08-01-2003 | |